

ABSTRACT

A signature key is generated in a secure platform. The secure platform has a processor configured in one of a normal execution mode and an isolated execution mode. A file checker is loaded into an isolated memory area accessible to the processor in the isolated execution mode. In isolated execution mode, a file checker performs a scan operation on the original file and produces a result. A signature associated with the scanned file is generated based on the result and using the signature key. The signature indicates file integrity.